MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

APRIL 1924

J. A. BROWN, DIRECTOR

PRINTED AT THE UNIVERSITY PRESS

LIBRARY
AUG 7 - 1924
Weather Bu

APRIL 1924

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C. Sea level and 45° Latitude				Thermometer Cent. (Corrected)			Bright Sunshine hrs.	Rain m.m.
	8:30	2:30	8:30	mean	Max.	Min.	Min.on grass		
1	760.6	760.6	761.6	760.9	27.3	16.4		7.8	
2	2.5	57.7	0.6	0.3	21.3	13.7		7.5	
3	58.9	7.7	57.7	57.8	28.2	16.4		2.1	
4	8.9	8.3	8.8	8.7	23.6	16.9		7.9	
5	8.1	6.7	7.4	7.4	21.4	15.3	—	8.3	
6	9.1	9.5	61.2	9.9	20.6	15.4		6.0	
7	61.1	60.9	1.3	61.1	20.4	13.2		8.4	
8	2.1	2.1	1.7	2.0	20.4	12.5		8.3	
9	1.9	1.1	0.6	1.2	21.3	13.8		9.2	
10	55.7	51.6	58.1	55.1	33.4	15.6	—	4.3	
11	60.3	60.3	61.1	60.6	21.3	16.2		5.4	
12	1.6	1.6	2.3	1.8	20.9	14.6		6.7	
13	2.5	2.1	1.8	2.1	21.2	13.9		8.7	
14	1.0	59.3	0.4	0.2	21.2	14.8		7.2	
15	1.5	61.5	2.5	1.8	20.8	13.9	—	9.6	
16	1.6	0.4	1.0	1.0	20.2	13.3		10.6	
17	1.4	59.8	1.8	1.0	20.2	15.7		11.5	
18	1.9	61.6	1.5	1.7	21.3	13.9		11.2	
19	0.6	59.7	59.0	59.8	20.9	15.7		11.3	
20	58.2	6.3	7.2	7.2	23.4	14.2	—	11.5	
21	7.8	7.6	8.5	8.0	22.2	15.3		12.0	
22	9.4	8.5	8.9	8.9	21.9	15.1		11.8	
23	9.6	60.5	60.5	60.2	21.8	15.7		11.5	
24	9.6	59.9	1.2	0.2	22.1	17.2		11.6	0.25
25	61.8	61.1	1.3	1.4	22.7	15.1	—	12.0	
26	1.0	0.0	59.7	0.2	22.2	15.3		11.8	
27	58.8	58.2	8.1	58.4	22.8	15.7		12.0	
28	8.2	7.9	8.3	8.1	23.2	15.7		10.8	
29	9.4	9.3	9.8	9.5	22.7	15.1		9.7	
30	60.4	9.9	60.1	60.1	25.6	15.3		11.0	
31									
	760.18	759.66	760.13	759.99	22.55	15.05		9.26	0.25

BAROMETER

Maximum	762.5	on	2nd, 13th & 15th
Minimum	751.6	on	10th

THERMOMETER

Maximum	33.4	on	10th
Minimum	12.5	on	8th
Minimum on grass		on	

RAINFALL

Maximum 0.25 mm. on 24th

Number of days with rain 1 thunderstorms 0 fog 0 gale 0

APRIL 1924

METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapour mm.				Relative Moisture per cent.			
	8:30	2:30	8:30	mean	8:30	2:30	8:30	8:30	2:30	8:30	mean	8:30	2:30	8:30	mean
1	19.0	20.8	18.9	19.8	16.6	17.9	15.8	12.5	13.2	11.4	12.4	77	72	71	73
2	18.2	20.9	17.7	18.9	16.4	18.3	15.9	12.7	13.8	12.3	12.9	82	76	81	80
3	23.2	20.3	21.0	21.5	19.4	18.3	15.4	14.1	14.1	9.9	12.7	68	80	53	67
4	21.8	22.9	17.7	20.8	16.1	19.4	15.6	10.3	14.3	11.8	12.2	53	69	78	67
5	18.6	20.7	16.9	18.7	16.0	16.6	12.7	11.9	11.4	8.7	10.7	76	62	61	67
6	16.6	20.1	16.4	17.7	14.8	16.1	13.9	11.4	11.1	10.3	10.7	81	64	75	73
7	18.5	19.9	20.7	19.7	14.5	15.6	19.2	9.9	10.6	8.1	9.5	63	61	45	56
8	18.0	19.3	15.7	17.7	15.6	16.5	14.5	11.6	12.1	11.5	11.7	75	73	88	79
9	19.7	20.7	17.6	19.3	16.6	16.1	16.6	12.1	10.8	13.3	12.1	71	59	90	73
10	22.7	27.0	17.9	22.5	15.7	17.6	15.7	9.5	10.0	15.7	11.7	47	37	77	53
11	18.6	20.2	16.4	18.4	15.3	16.2	13.9	10.9	11.3	10.3	10.8	69	64	75	69
12	18.7	20.3	16.4	18.5	14.5	15.4	14.1	9.8	10.1	10.6	10.3	62	57	77	65
13	18.9	20.8	16.8	18.8	15.9	17.2	15.5	11.5	12.2	12.2	12.0	71	65	85	74
14	19.1	20.7	16.3	18.7	16.0	16.8	12.4	11.6	11.7	8.7	10.7	71	64	63	68
15	18.0	20.3	15.7	18.0	14.6	15.7	13.6	10.3	15.7	13.6	13.2	66	59	78	68
16	17.9	19.8	16.9	18.2	14.6	14.9	13.0	10.3	9.8	9.0	9.7	68	57	62	62
17	18.0	19.7	17.1	18.3	13.9	15.3	14.6	9.5	10.3	10.8	10.2	61	60	74	65
18	18.8	20.4	17.5	18.9	13.5	16.4	15.6	8.7	8.8	9.4	9.0	54	63	80	66
19	18.6	20.2	17.6	18.8	16.3	16.6	14.0	11.9	11.7	9.8	11.1	72	65	66	68
20	19.5	21.4	18.7	19.9	15.6	16.5	15.8	10.7	11.0	11.5	11.1	64	58	72	65
21	19.6	21.8	19.1	20.2	14.8	17.8	15.6	9.6	10.0	10.9	10.2	57	64	66	62
22	20.6	21.0	18.3	20.0	16.4	17.6	16.6	11.3	12.7	12.8	12.3	62	70	83	72
23	21.1	20.1	17.9	19.7	15.9	17.3	16.4	10.4	12.7	12.9	12.0	56	73	85	71
24	19.6	21.2	17.3	19.4	17.7	17.2	15.6	13.7	12.0	12.0	12.6	80	64	81	75
25	20.3	22.3	17.9	20.2	17.1	17.9	16.4	12.3	12.5	12.9	12.6	70	61	84	72
26	19.6	22.0	18.6	20.1	17.3	18.2	17.6	13.1	13.2	14.3	13.5	77	66	89	77
27	20.9	22.4	18.9	20.7	18.7	17.8	18.3	14.4	12.3	15.1	13.9	78	60	92	77
28	20.1	22.7	19.1	20.6	18.2	19.2	18.2	14.1	14.2	14.8	14.4	81	70	90	80
29	20.4	21.9	18.4	20.2	16.9	17.9	17.0	14.0	12.7	13.4	13.4	67	64	85	72
30	20.6	24.9	18.7	21.4	18.1	17.8	16.9	13.6	11.0	13.1	12.6	75	47	82	68
31															
	19.5	21.2	17.8	19.5	16.1	17.1	15.6	11.6	11.9	11.7	11.7	68	64	77	69

Height of Barometer above sea level : 33.7 meters.

„ „ Thermometers above ground :

Dry and wet 1.55 m. ; Max. 1.75 m. ; Min. 1.70 m.

Height of Rain Guage : above ground 0.56 m. ; above sea level 30.31 m.

Gravity Correction −0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

APRIL 1924

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	mean	8:30	2:30	8:30	Km.		
1	1	0	0	0.3	2	2	0	268.0	slight	dew in eve
2	1	10cu s	0	3.7	1	0	1ne	73.2	calm	
3	5cu s	10	0	5.0	0	0	0	124.1	,,	
4	0	2cu ci	0	0.7	1s	1	1	142.4	,,	
5	0	2	0	0.7	3s	2s	0	344.9	rough	
6	7cu n	1	2	3.3	3	2	1	393.9	slight	tr. in eve
7	0	1	0	0.3	2	2	0	259.1	v. slight	
8	1s	0	0	0.3	2	1	0	173.3	,,	
9	0	0	0	0	1ne	1ne	0	117.7	calm	
10	2ci s	7	0	3.0	0	5	2	201.4	slight	sirocco
11	4	7cu n	2	4.3	2s	1	0	304.4	,,	
12	2cu n	0	2	1.3	2	2	1	215.0	,,	
13	0	0	0	0	2	3	0	248.4	,,	
14	1	7cu s	2	3.3	1	2	3	153.5	v. slight	
15	2	2	1	1.7	2	2	0	229.9	slight	
16	2s	2s	0	1.3	1w	2ne	3ne	191.5	v. slight	
17	0	0	0	0	2ne	2ne	2e	564.8	rough	
18	0	0	0	0	0	2ne	2ne	274.2	slight	
19	0	0	0	0	1ne	3ne	2ne	510.2	rough	
20	0	0	0	0	1	4n	3ne	392.8	,,	
21	0	0	0	0	0	1ne	0	241.1	v. slight	
22	0	0	0	0	0	1ne	0	198.2	calm	
23	0	0	0	0	0	1ne	0	126.1	v. slight	
24	0	0	0	0	0	2ne	0	202.7	calm	
25	0	0	0	0	0	1ne	0	103.2	,,	
26	0	0	0	0	0	1ne	1ne	111.3	,,	
27	0	0	0	0	1	0	0	207.1	,,	
28	8	0	0	2.7	1	3	1	155.6	v. slight	
29	0	2	0	0.7	1	2	3	199.5	,,	
30	0	0	0	0	0	1	0	93.6	calm	
31										
				1.1				227.4		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	3	0	0	3	13	1	0	10
2:30	1	11	0	0	1	14	0	0	3
8:30	0	6	1	0	0	7	0	0	16
Totals	1	20	1	0	4	34	1	0	29

N.B.—Cloud numbers without letters are all cu.

Wind ,, ,, ,, ,, ,, sw.